



2 Type

- NI** Stainless steel, standard spring load
- NIL** Stainless steel light spring load
- NIS** Stainless steel, high spring load

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d ₁ +0,1 NI	NIL / NIS	d ₂	d ₃	l ₁ ≈	l ₂ ≈	w Compression	Spring load in N ≈ standard (Type NI)		Spring load in N ≈ light (Type NIL)		Spring load in N ≈ high (Type NIS)	
							Initial	End	Initial	End	Initial	End
3	-	2,4	3,5	4	0,6	0,7	1,8	3,5	-	-	-	-
4	4	3	4,6	5	0,9	1	2,5	6	0,4	1	5	10,4
5	5	4	5,6	6	0,9	1,4	3	6,5	0,5	4,7	6	12
6	6	5	6,5	7	1	1,8	5,5	11,5	2,3	6,5	7,3	19
8	8	6,5	8,5	9	1,1	2,4	7	12,5	4	9	11	25
10	10	8,5	11	13	1,5	3,3	8,5	18,5	3,9	10	17	37
12	12	10	13	16	2,3	4	12	26,5	6,2	14,6	30	54

Specification

- Housing
Stainless steel AISI 305
Sheet-metal
- Ball
Stainless steel 420C
Hardened
- Pressure spring
Stainless steel AISI 631
- Identification of type NIL:
Housing with 1 longitudinal marking
- Identification of type NIS:
Housing with 2 longitudinal markings
- *ISO Fundamental Tolerances* → Page QVX
- *Stainless Steel Characteristics* → Page 2166
- RoHS

Information

Stainless steel spring plungers GN 614 are used as detents as well as for push-on and push-off applications and ejectors.

A tolerance of H7 for the location hole of d₁ is recommended.

Due to different production methods, the dimensions l₂ and l₃ are different.

see also...

- *Stainless Steel Spring Plungers GN 614.3 (without Thread, with Ball)*
→ Page 984
- *Spring Plungers GN 614.2 (Press-On Type, Ball Double Ended)*
→ Page 986

How to order

GN 614-5-NI

1 d₁

2 Material